

WE CLAIM:

1. A projection system comprising a light source for producing a light beam, a screen, a projection lens for projecting the light beam onto the screen, and a spatial light modulator (SLM) for
5 imparting image information to the light beam upstream of the projection lens, first polarizer means for polarizing, in a defined orientation, light leaving the SLM and second polarizer means for polarizing in the same defined orientation, light passing through said projection lens.
2. A projection system as claimed in claim 1, wherein the SLM is a
10 digital mirror device (DMD), and wherein the first polarizer means polarizes light that is incident on the DMD.
3. A projection system as claimed in claim 2, further comprising a beamsplitter for separating said light beam into red, green and blue components (R, G, B) and delivering the components to individual DMDs and
15 "reassembling" the components into a single light beam for passage through the projection lens.
4. A projection system as claimed in claim 1, wherein the SLM is a liquid crystal device (LCD), and wherein said first polarizer means comprises a polarizer forming part of said LCD.
- 20 5. A projection system as claimed in claim 1, further comprising means covering or coating reflective surfaces within the projector and adapted to polarize reflected light at an orientation orthogonal to the defined orientation of the first polarizer means.